

L Number	Hits	Search Text	DB	Time stamp
1	377	("562/439").CCLS.	USPAT; EPO; JPO; DERWENT	2002/03/19 06:29
2	508	("560/34").CCLS.	USPAT; EPO; JPO; DERWENT	2002/03/19 06:29
3	397	("514/539").CCLS.	USPAT; EPO; JPO; DERWENT	2002/03/19 06:30
4	579	("514/570").CCLS.	USPAT; EPO; JPO; DERWENT	2002/03/19 06:30
6	1639	((("562/439").CCLS.) or (("560/34").CCLS.) or (("514/539").CCLS.) or (("514/570").CCLS.))	USPAT; EPO; JPO; DERWENT	2002/03/19 06:30
7	2756	pylori	USPAT; EPO; JPO; DERWENT	2002/03/19 06:31
8	0	((("562/439").CCLS.) or (("560/34").CCLS.) or (("514/539").CCLS.) or (("514/570").CCLS.)) and pylori	USPAT; EPO; JPO; DERWENT	2002/03/19 06:31
9	78519	antibiot\$	USPAT; EPO; JPO; DERWENT	2002/03/19 06:31
10	147	((("562/439").CCLS.) or (("560/34").CCLS.) or (("514/539").CCLS.) or (("514/570").CCLS.)) and antibiot\$	USPAT; EPO; JPO; DERWENT	2002/03/19 06:32
11	2743	helicobacter	USPAT; EPO; JPO; DERWENT	2002/03/19 06:32
12	0	((("562/439").CCLS.) or (("560/34").CCLS.) or (("514/539").CCLS.) or (("514/570").CCLS.)) and antibiot\$) and helicobacter	USPAT; EPO; JPO; DERWENT	2002/03/19 06:32
13	15334	ulcer	USPAT; EPO; JPO; DERWENT	2002/03/19 06:32
14	10	((("562/439").CCLS.) or (("560/34").CCLS.) or (("514/539").CCLS.) or (("514/570").CCLS.)) and antibiot\$) and ulcer	USPAT; EPO; JPO; DERWENT	2002/03/19 06:55
15	2	9418964.pn.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:09
16	3	4348410.pn.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:14
17	2	4348410.URPN.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:11
18	3	9606825.pn.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:19
19	3	4220262.pn.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:20
20	5	4220662.pn.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:33
21	3	4732916.pn.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:36
22	5	4732916.URPN.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:34
23	2	4954512.pn.	USPAT; EPO; JPO; DERWENT	2002/03/19 07:36
24	14	"4954512"	USPAT; EPO; JPO; DERWENT	2002/03/19 08:09

25	4	camostate	USPAT; EPO; JPO; DERWENT	2002/03/19 08:22
26	0	6284791.URPN.	USPAT; EPO; JPO; DERWENT	2002/03/19 11:17

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	IS&R	L1	377	("562/439").CCLS.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:29		
2	IS&R	L2	508	("560/34").CCLS.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:29		
3	IS&R	L3	397	("514/539").CCLS.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:30		
4	IS&R	L4	579	("514/570").CCLS.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:30		
5	BRS	L6	1639	11 or 12 or 13 or 14	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:30		
6	BRS	L7	2756	pylori	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:31		
7	BRS	L8	0	16 and 17	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:31		
8	BRS	L9	78519	antibiot\$	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:31		
9	BRS	L10	147	16 and 19	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:32		
10	BRS	L11	2743	helicobacter	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:32		

	Err ors
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
11	BRS	L12	0	l10 and l11	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:32		
12	BRS	L13	15334	ulcer	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:32		
13	BRS	L14	10	l10 and l13	USPAT ; EPO; JPO; DERWE NT	2002/03/19 06:55		
14	BRS	L15	2	9418964.pn.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:09		
15	BRS	L16	3	4348410.pn.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:14		
16	BRS	L17	2	4348410.URPN.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:11		
17	BRS	L18	3	9606825.pn.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:19		
18	BRS	L19	3	4220262.pn.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:20		
19	BRS	L20	5	4220662.pn.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:33		
20	BRS	L21	3	4732916.pn.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:36		

	Err ors
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
21	BRS	L22	5	4732916.URPN.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:34		
22	BRS	L23	2	4954512.pn.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 07:36		
23	BRS	L24	14	"4954512"	USPAT ; EPO; JPO; DERWE NT	2002/03/19 08:09		
24	BRS	L25	4	camostate	USPAT ; EPO; JPO; DERWE NT	2002/03/19 08:22		
25	BRS	L26	0	6284791.URPN.	USPAT ; EPO; JPO; DERWE NT	2002/03/19 11:17		

	Err ors
21	0
22	0
23	0
24	0
25	0



3-19-02

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal623paz

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change  
to PHARMASEARCH  
NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents  
Index  
NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased  
NEWS 5 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File  
NEWS 6 Oct 22 Over 1 million reactions added to CASREACT  
NEWS 7 Oct 22 DGENE GETSIM has been improved  
NEWS 8 Oct 29 AAASD no longer available  
NEWS 9 Nov 19 New Search Capabilities USPATFULL and USPAT2  
NEWS 10 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN  
NEWS 11 Nov 29 COPPERLIT now available on STN  
NEWS 12 Nov 29 DWPI revisions to NTIS and US Provisional Numbers  
NEWS 13 Nov 30 Files VETU and VETB to have open access  
NEWS 14 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002  
NEWS 15 Dec 10 DGENE BLAST Homology Search  
NEWS 16 Dec 17 WELDASEARCH now available on STN  
NEWS 17 Dec 17 STANDARDS now available on STN  
NEWS 18 Dec 17 New fields for DPCI  
NEWS 19 Dec 19 CAS Roles modified  
NEWS 20 Dec 19 1907-1946 data and page images added to CA and CPlus  
NEWS 21 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 22 Jan 25 Searching with the P indicator for Preparations  
NEWS 23 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 24 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update  
frequency  
NEWS 25 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 26 Mar 08 Gene Names now available in BIOSIS  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CBS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may

result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 06:40:35 ON 19 MAR 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 06:40:52 ON 19 MAR 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 17 MAR 2002 HIGHEST RN 401569-84-4

DICTIONARY FILE UPDATES: 17 MAR 2002 HIGHEST RN 401569-84-4

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the  
CAS Registry Numbers that were added to the H/Z/CA/CAplus files between  
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches  
during this period, either directly appended to a CAS Registry Number  
or by qualifying an L-number with /P, may have yielded incomplete results.  
As of 1/23/02, the situation has been resolved. Also, note that searches  
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files  
incorporating CAS Registry Numbers with the P indicator between 12/27/01  
and 1/23/02, are encouraged to re-run these strategies. Contact the  
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,  
worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to  
receive a credit for any duplicate searches.

=>

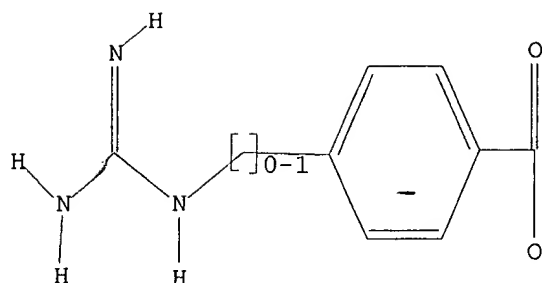
Uploading 09975136 claim 1.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam

SAMPLESEARCH INITIATED 06:41:29 FILE 'REGISTRY'

SAMPLESCREEN SEARCH COMPLETED - 193 TO ITERATE

100.0% PROCESSED 193 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3027 TO 4693

PROJECTED ANSWERS: 1147 TO 2253

L2 50 SEA SSS SAM L1

=>

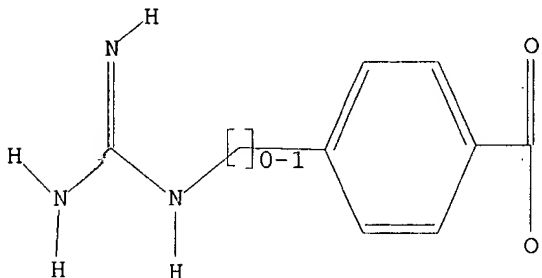
Uploading 09975136 claim 1.str

L3 STRUCTURE UPLOADED

=> d l1

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l3 sss sam

SAMPLESEARCH INITIATED 06:43:16 FILE 'REGISTRY'

SAMPLESCREEN SEARCH COMPLETED - 193 TO ITERATE

100.0% PROCESSED 193 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

50 ANSWERS

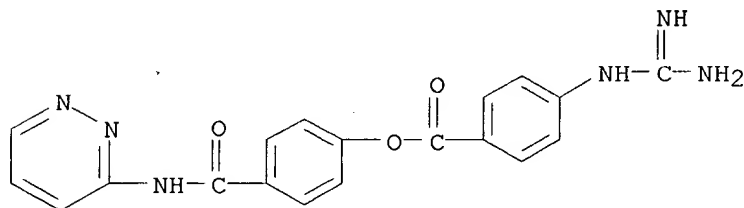
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 3027 TO 4693  
PROJECTED ANSWERS: 1131 TO 2229

L4 50 SEA SSS SAM L3

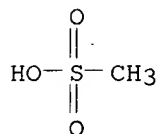
=> d scan

L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[(3-  
pyridazinylamino)carbonyl]phenyl ester, monomethanesulfonate (9CI)  
MF C19 H16 N6 O3 . C H4 O3 S

CM 1

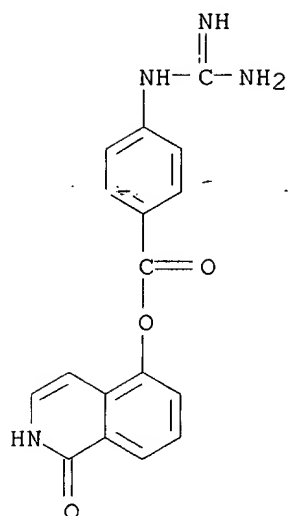


CM 2



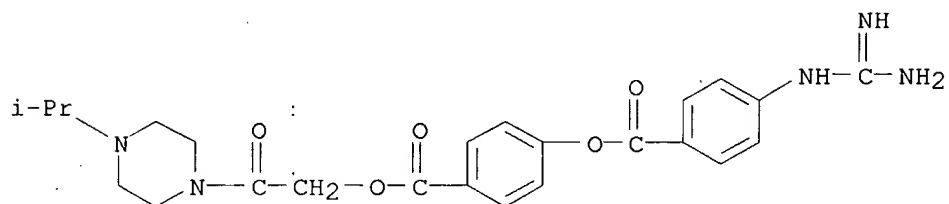
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 1,2-dihydro-1-oxo-5-  
isoquinolinyl ester (9CI)  
MF C17 H14 N4 O3  
CI COM

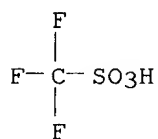


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

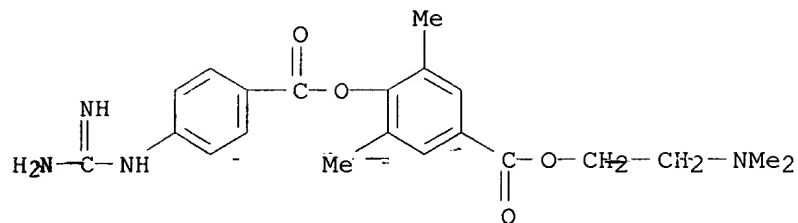
L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[[2-[4-(1-methylethyl)-1-piperazinyl]-2-oxoethoxy]carbonyl]phenyl ester,  
 mono(trifluoromethanesulfonate) (9CI)  
 MF C24 H29 N5 O5 . C H F3 O3 S  
 CM 1



CM 2



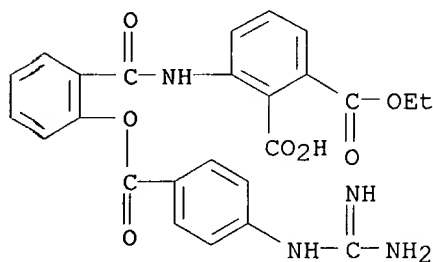
L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzoic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-3,5-dimethyl-,  
 2-(dimethylamino)ethyl ester, dihydrochloride (9CI)  
 MF C21 H26 N4 O4 . 2 Cl H



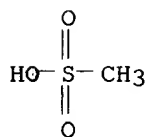
● 2 HCl

L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1,2-Benzenedicarboxylic acid,  
 3-[[2-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]benzoyl]amino]-, 1-ethyl ester, monomethanesulfonate (9CI)  
 MF C25 H22 N4 O7 . C H4 O3 S

CM 1

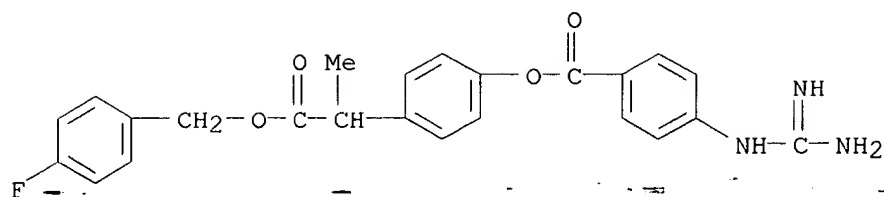


CM 2

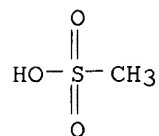


L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzeneacetic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-.alpha.-methyl-, (4-fluorophenyl)methyl ester, monomethanesulfonate (9CI)  
 MF C24 H22 F N3 O4 . C H4 O3 S

CM 1

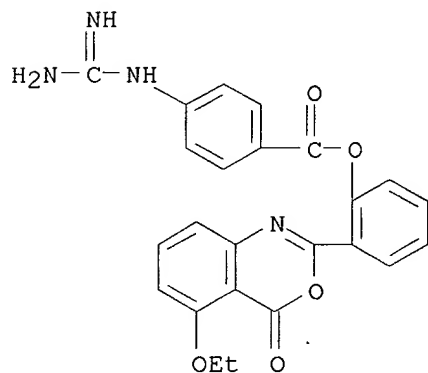


CM 2

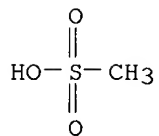


L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 2-(5-ethoxy-4-oxo-4H-3,1-benzoxazin-2-yl)phenyl ester, monomethanesulfonate (9CI)  
 MF C24 H20 N4 O5 . C H4 O3 S

CM 1

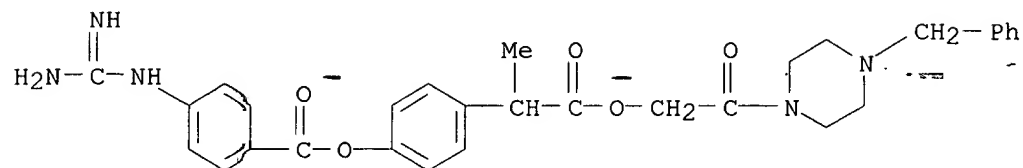


CM 2



L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzeneacetic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-.alpha.-

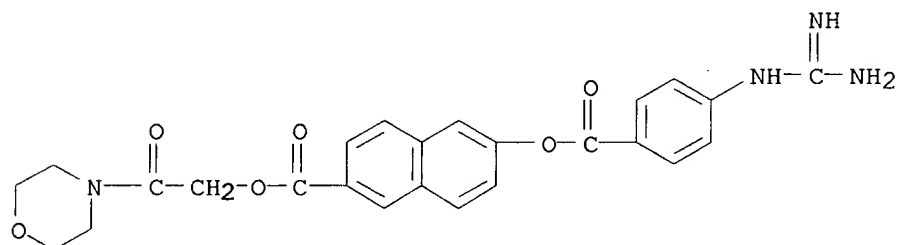
methyl-, 2-oxo-2-[4-(phenylmethyl)-1-piperazinyl]ethyl ester (9CI)  
 MF C30 H33 N3 O5  
 CI COM



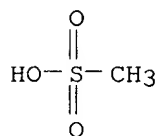
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 2-Naphthalenecarboxylic acid,  
 6-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-  
 , 2-(4-morpholinyl)-2-oxoethyl ester, monomethanesulfonate (9CI)  
 MF C25 H24 N4 O6 . C H4 O3 S

CM 1



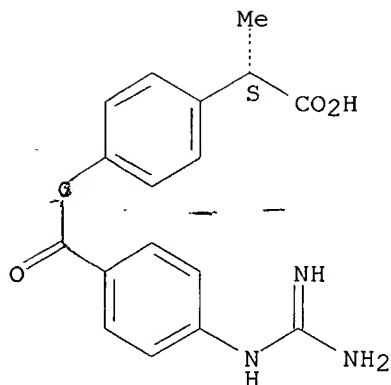
CM 2



L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzeneacetic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-.alpha.-  
 methyl-, (S)- (9CI)  
 MF C17 H17 N3 O4  
 CI COM

Absolute stereochemistry.

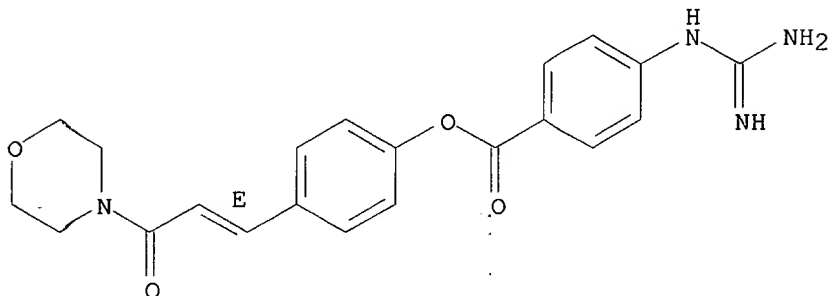




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L4 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[(1E)-3-(4-morpholinyl)-3-oxo-1-propenyl]phenyl ester (9CI)  
 MF C21 H22 N4 O4  
 CI COM

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.92	2.07

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 06:44:18 ON 19 MAR 2002

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal623paz

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'REGISTRY' AT 06:50:24 ON 19 MAR2002

FILE 'REGISTRY' ENTERED AT 06:50:24 ON 19 MAR 2002

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.92

2.07

=>

Uploading 09975136 claim 1.str

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> search 15 sss sam

SAMPLE SEARCH INITIATED 06:51:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 193 TO ITERATE

100.0% PROCESSED 193 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3027 TO 4693

PROJECTED ANSWERS: 1031 TO 2089

L6 50 SEA SSS SAM L5

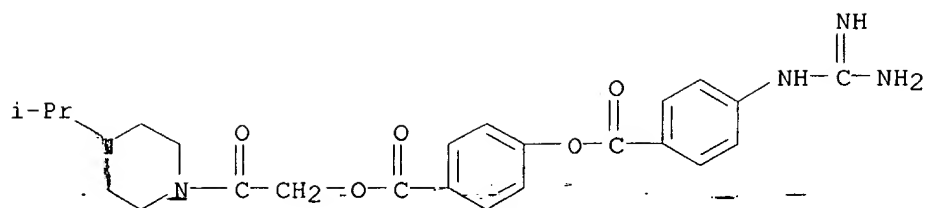
=> d scan

L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

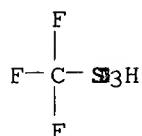
IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[[2-[(1-methylethyl)-1-piperazinyl]-2-oxoethoxy]carbonyl]phenyl ester,  
mono(trifluoromethanesulfonate) (9CI)

MF C24 H29 N5 O5 . C H F3 O3 S

CM 1



Cl 2



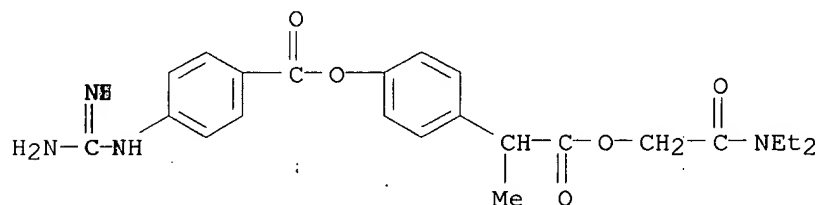
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

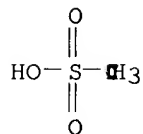
IN Benzeneacetic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-.alpha.-methyl-, 2-(diethylamino)-2-oxoethyl ester, monomethanesulfonate (9CI)

MF C13 H28 N4 O5 . C H4 O3 S

Cl 1



Cl 2

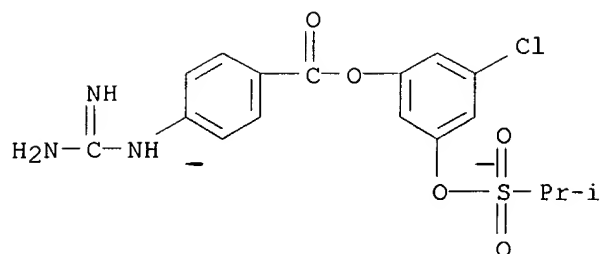


L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS

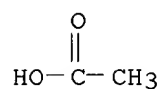
IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 3-chloro-5-[[[(1-methylethyl)sulfonyl]oxy]phenyl ester, monoacetate (9CI)

MF C17 H18 Cl N3 O5 S . C2 H4 O2

Cl 1

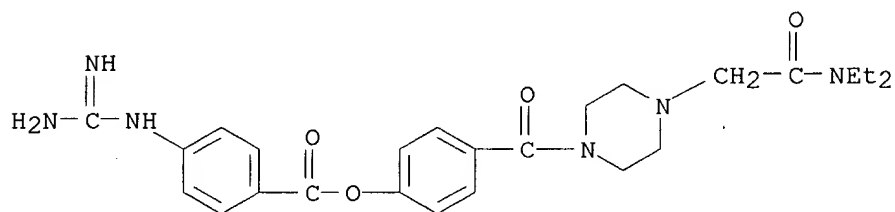


CM 2

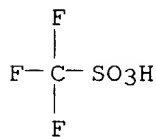


L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[[4-[2-(diethylamino)-2-oxoethyl]-1-piperazinyl]carbonyl]phenyl ester, mono(trifluoromethanesulfonate) (9CI)  
 MF C25 H32 N6 O4 . C H F3 O3 S

CM 1

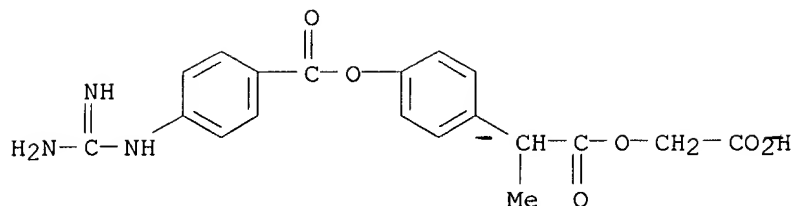


CM 2

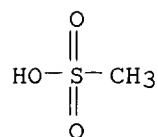


L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzeneacetic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-.alpha.-methyl-, carboxymethyl ester, monomethanesulfonate (9CI)  
 MF C19 H19 N3 O6 . C H4 O3 S

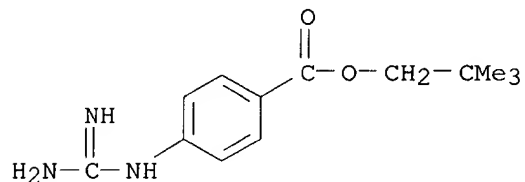
CM 1



CM 2

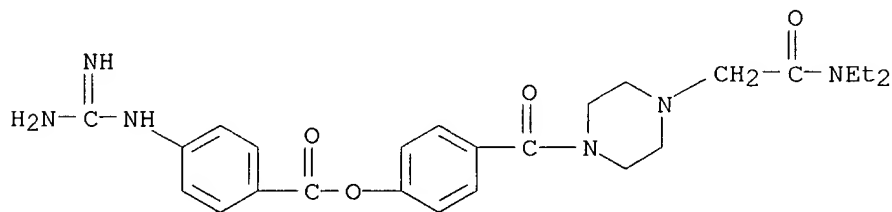


L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 2,2-dimethylpropyl ester  
(9CI)  
MF C13 H19 N3 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

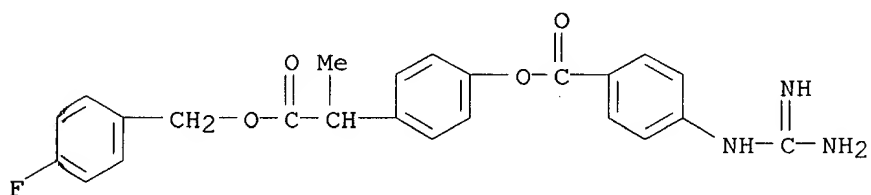
L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[[4-[2-(diethylamino)-2-oxoethyl]-1-piperazinyl]carbonyl]phenyl ester (9CI)  
MF C25 H32 N6 O4  
CI COM



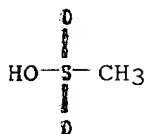
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzeneacetic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-.alpha.-  
 methyl-, (4-fluorophenyl)methyl ester, monomethanesulfonate (9CI)  
 MF C24 H22 F N3 O4 . C H4 O3 S

CM 1

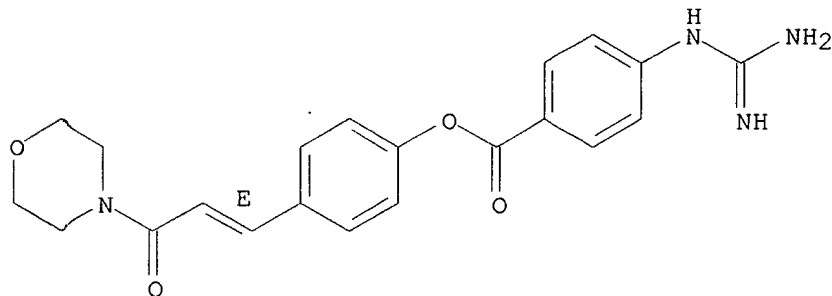


CM 2



L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[(1E)-3-(4-morpholinyl)-3-  
 oxo-1-propenyl]phenyl ester (9CI)  
 MF C21 H22 N4 O4  
 CI COM

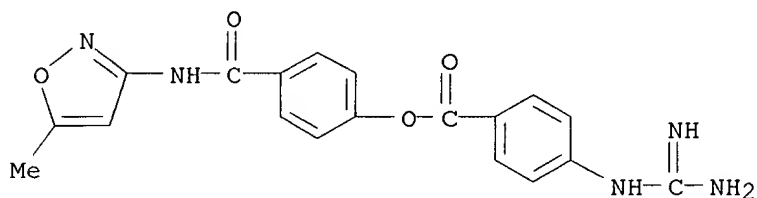
Double bond geometry as shown.



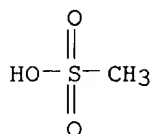
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzoic acid, 4-[(aminoiminomethyl)amino]-, 4-[[5-methyl-3-  
 isoxazolyl)amino]carbonyl]phenyl ester, monomethanesulfonate (9CI)  
 MF C19 H17 N5 O4 . C H4 O3 S

CM 1

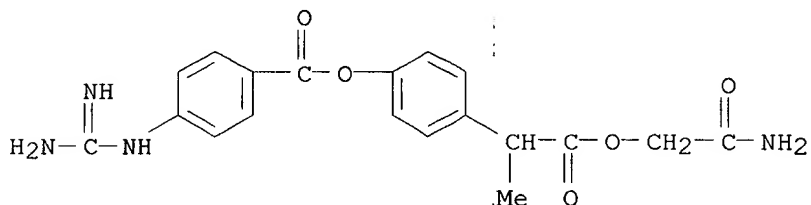


CM 2

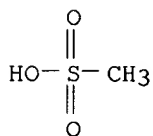


L6 50 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Benzeneacetic acid, 4-[[4-[(aminoiminomethyl)amino]benzoyl]oxy]-.alpha.-  
 methyl-, 2-amino-2-oxoethyl ester, monomethanesulfonate (9CI)  
 MF C19 H20 N4 O5 . C H4 O3 S

CM 1



CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> search l5 sss full  
FULL SEARCH INITIATED 06:53:06 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3506 TO ITERATE

100.0% PROCESSED 3506 ITERATIONS 1241 ANSWERS  
SEARCH TIME: 00.00.02

L7 1241 SEA SSS FUL L5

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 143.42 143.57

FILE 'CAPLUS' ENTERED AT 06:53:21 ON 19 MAR 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 19 Mar 2002 VOL 136 ISS 12  
FILE LAST UPDATED: 17 Mar 2002 (20020317/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=> l7

L8 828 L7

=> save temp l7 hpyloriclm1/a  
ANSWER SET NOT SAVED.  
THE ANSWER SET WAS CREATED IN FILE 'REGISTRY'.  
USE THE FILE COMMAND TO CHANGE TO THE CORRECT FILE.  
Answer sets must be saved in the same file in which they were created.



=> save temp l8 hpyloriclm1/a  
ANSWER SET L8 HAS BEEN SAVED AS 'HPYLORICLM1/A'

=> pylori

6373 PYLORI  
20 PYLORIS  
L9 6386 PYLORI  
(PYLORI OR PYLORIS)

=> l8 and l9

L10 1 L8 AND L9

=> d l10 ti fbib abs

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

TI Enzyme inhibitors for treatment of gastrointestinal disorders caused by  
Helicobacter pylori

AN 1994:587325 CAPLUS

DN 121:187325

TI Enzyme inhibitors for treatment of gastrointestinal disorders caused by  
Helicobacter pylori

IN Wabnitz, Rudolf; Riedl, Jutta; Ansorg, Rainer; Goebell, Harald

PA Asche AG, Germany

SO Ger. Offen., 3 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4305536	A1	19940825	DE 1993-4305536	19930219
	WO 9418964	A1	19940901	WO 1994-EP523	19940218
	W: AU, CA, FI, HU, JP, NO, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				DE 1993-4305536	19930219
	AU 9462053	A1	19940914	AU 1994-62053	19940218
				DE 1993-4305536	19930219
				WO 1994-EP523	19940218
	EP 804184	A1	19971105	EP 1994-909036	19940218
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
				DE 1993-4305536	19930219
				WO 1994-EP523	19940218
	WO 9614068	A1	19960517	WO 1994-EP3669	19941107
	W: AT, CA, FI, HU, JP, NO, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				DE 1993-4305536	19930219
AB	Enzyme inhibitors, esp. protease inhibitors such as .omega.- guanidinocarboxylic acid esters, are useful for treatment of H. pylori-assocd. gastrointestinal disorders. Thus, soft gelatin capsules contained camostat 100.00, soybean lecithin 5.00, 2,6-di-tert-butyl-4-methylphenol (antioxidant) 0.1, and peanut oil to 800.00 mg.				

=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

6.94 150.51

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.62

-0.62

FILE 'REGISTRY' ENTERED AT 06:58:33 ON 19 MAR 2002

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STRUCTURE FILE UPDATES: 17 MAR 2002 HIGHEST RN 401569-84-4

DICTIONARY FILE UPDATES: 17 MAR 2002 HIGHEST RN 401569-84-4

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the  
CAS Registry Numbers that were added to the H/Z/CA/CAPplus files between  
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches  
during this period, either directly appended to a CAS Registry Number  
or by qualifying an L-number with /P, may have yielded incomplete results.  
As of 1/23/02, the situation has been resolved. Also, note that searches  
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAPplus files  
incorporating CAS Registry Numbers with the P indicator between 12/27/01  
and 1/23/02, are encouraged to re-run these strategies. Contact the  
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,  
worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to  
receive a credit for any duplicate searches.

=>

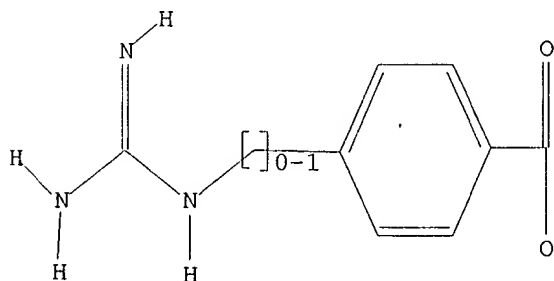
Uploading 09975136 claim 2.str

L11 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=>

=>

=>

Uploading 09975136 claim 2.str

L12        STRUCTURE UPLOADED

=> d 1;12

L12 HAS NO ANSWERS

'L ' IS NOT A VALID STRUCTURE FORMAT KEYWORD

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains  
                 data. (Default)

SIM ----- Structure Image.

SAT ----- Structure ATtributes and map table if it contains data.

SCT ----- Structure Connection Table and map table if it contains  
                 data.

SDA ----- All Structure DATA (image, attributes, connection table and  
                 map table if it contains data).

NOS ----- NO Structure data.

ENTER STRUCTURE FORMAT (SIM), NOS:end

L13        584169 12

=> d 112

L12 HAS NO ANSWERS

L12                STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> search 112 sss sam

SAMPLE SEARCH INITIATED 07:00:57 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -        1 TO ITERATE

100.0% PROCESSED        1 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                         BATCH        \*\*COMPLETE\*\*

PROJECTED ITERATIONS:        1 TO        80

PROJECTED ANSWERS:            0 TO        0

L14                0 SEA SSS SAM L12

=> search 112 sss full

FULL SEARCH INITIATED 07:01:17 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -        27 TO ITERATE

100.0% PROCESSED        27 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L15 0 SEA SSS FUL L12

=>

Uploading 09975136 claim 2 try 2.str

L16 STRUCTURE UPLOADED

=> d116

L16 HAS NO ANSWERS

L16 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> search l16 sss sam

SAMPLE SEARCH INITIATED 07:04:25 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3 TO 163

PROJECTED ANSWERS: 0 TO 0

L17 0 SEA SSS SAM L16

=> search l16 sss full

FULL SEARCH INITIATED 07:04:35 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 53 TO ITERATE

100.0% PROCESSED 53 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L18 0 SEA SSS FUL L16

=> file marpat

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	287.32	437.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

FILE 'MARPAT' ENTERED AT 07:05:14 ON 19 MAR 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 136 ISS 11) (20020315/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES  
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 200202262 21 FEB 2002  
DE 10117672 14 FEB 2001  
EP 1180723 20 FEB 2002  
JP 200205407 19 FEB 2002  
WO 200201443 21 FEB 2002

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> l18

SAMPLE SEARCH INITIATED 07:05:21 FILE 'MARPAT'  
SAMPLE SCREEN SEARCH COMPLETED - 257 TO ITERATE

100.0% PROCESSED 257 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.03

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 4190 TO 6090  
PROJECTED ANSWERS: 0 TO 0

L19 0 SEA SSS SAM L16

=> l15

SAMPLE SEARCH INITIATED 07:06:14 FILE 'MARPAT'  
SAMPLE SCREEN SEARCH COMPLETED - 257 TO ITERATE

100.0% PROCESSED 257 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.03

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 4190 TO 6090  
PROJECTED ANSWERS: 0 TO 0

L20 0 SEA SSS SAM L12

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.64	438.47
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

FILE 'CAPLUS' ENTERED AT 07:06:31 ON 19 MAR 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 19 Mar 2002 VOL 136 ISS 12  
FILE LAST UPDATED: 18 Mar 2002 (20020318/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=> d his

(FILE 'HOME' ENTERED AT 06:40:35 ON 19 MAR 2002)

FILE 'REGISTRY' ENTERED AT 06:40:52 ON 19 MAR 2002

L1 STRUCTURE UPLOADED  
L2 50 SEARCH L1 SSS SAM  
L3 STRUCTURE UPLOADED  
L4 50 SEARCH L3 SSS SAM  
L5 STRUCTURE UPLOADED  
L6 50 SEARCH L5 SSS SAM  
L7 1241 SEARCH L5 SSS FULL

FILE 'CAPLUS' ENTERED AT 06:53:21 ON 19 MAR 2002

L8 828 L7  
SAVE TEMP L8 HPYLORICLM1/A  
L9 6386 PYLORI  
L10 1 L8 AND L9

FILE 'REGISTRY' ENTERED AT 06:58:33 ON 19 MAR 2002

L11 STRUCTURE UPLOADED  
L12 STRUCTURE UPLOADED  
L13 584169 12  
L14 0 SEARCH L12 SSS SAM  
L15 0 SEARCH L12 SSS FULL  
L16 STRUCTURE UPLOADED  
L17 0 SEARCH L16 SSS SAM  
L18 0 SEARCH L16 SSS FULL

FILE 'MARPAT' ENTERED AT 07:05:14 ON 19 MAR 2002

L19 0 L18  
L20 0 L15

FILE 'CAPLUS' ENTERED AT 07:06:31 ON 19 MAR 2002

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE TOTAL  
ENTRY SESSION

FULL ESTIMATED COST	1.34	439.81
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 07:09:07 ON 19 MAR 2002  
 Connection closed by remote host

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x  
 LOGINID:sssptal623paz  
 PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
 SESSION RESUMED IN FILE 'CAPLUS' AT 07:27:47 ON 19 MAR 2002  
 FILE 'CAPLUS' ENTERED AT 07:27:47 ON 19 MAR 2002  
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.34	439.81
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.34	439.81
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

FILE 'REGISTRY' ENTERED AT 07:27:59 ON 19 MAR 2002  
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STRUCTURE FILE UPDATES: 17 MAR 2002 HIGHEST RN 401569-84-4  
 DICTIONARY FILE UPDATES: 17 MAR 2002 HIGHEST RN 401569-84-4

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
 for more information. See STNote 27, Searching Properties in the CAS  
 Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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Customers running searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator between 12/27/01 and 1/23/02, are encouraged to re-run these strategies. Contact the CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698, worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to receive a credit for any duplicate searches.

=>

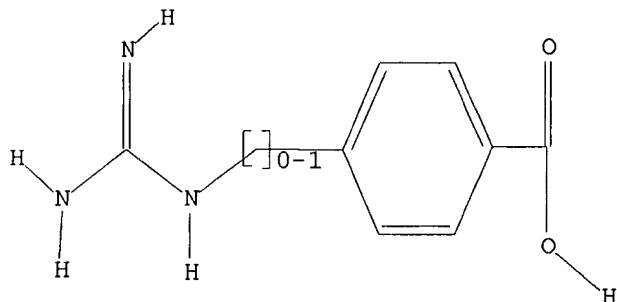
Uploading 09975136 claim 1 acids only.str

L21 STRUCTURE UPLOADED

=> d l21

L21 HAS NO ANSWERS

L21 STR



G1 H,Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> search l21 sss full

FULL SEARCH INITIATED 07:29:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1586 TO ITERATE

100.0% PROCESSED 1586 ITERATIONS  
SEARCH TIME: 00.00.02

51 ANSWERS

L22 51 SEA SSS FUL L21

=> dscan

0 DSCAN

L23 0 DSCAN

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

144.86

584.67



DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.62

FILE 'CAPLUS' ENTERED AT 07:29:31 ON 19 MAR 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 19 Mar 2002 VOL 136 ISS 12  
FILE LAST UPDATED: 18 Mar 2002 (20020318/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=> 122

L24 172 L22

=> save temp 124 hpyloriacids/a  
ANSWER SET L24 HAS BEEN SAVED AS 'HPYLORACIDS/A'

=> d his

(FILE 'HOME' ENTERED AT 06:40:35 ON 19 MAR 2002)

FILE 'REGISTRY' ENTERED AT 06:40:52 ON 19 MAR 2002

L1	STRUCTURE UPLOADED
L2	50 SEARCH L1 SSS SAM
L3	STRUCTURE UPLOADED
L4	50 SEARCH L3 SSS SAM
L5	STRUCTURE UPLOADED
L6	50 SEARCH L5 SSS SAM
L7	1241 SEARCH L5 SSS FULL

FILE 'CAPLUS' ENTERED AT 06:53:21 ON 19 MAR 2002

L8 828 L7  
SAVE TEMP L8 HPYLORICLM1/A  
L9 6386 PYLORI  
L10 1 L8 AND L9

FILE 'REGISTRY' ENTERED AT 06:58:33 ON 19 MAR 2002  
L11 STRUCTURE UPLOADED  
L12 STRUCTURE UPLOADED  
L13 584169 12  
L14 0 SEARCH L12 SSS SAM  
L15 0 SEARCH L12 SSS FULL  
L16 STRUCTURE UPLOADED  
L17 0 SEARCH L16 SSS SAM  
L18 0 SEARCH L16 SSS FULL

FILE 'MARPAT' ENTERED AT 07:05:14 ON 19 MAR 2002  
L19 0 L18  
L20 0 L15

FILE 'CAPLUS' ENTERED AT 07:06:31 ON 19 MAR 2002

FILE 'REGISTRY' ENTERED AT 07:27:59 ON 19 MAR 2002  
L21 STRUCTURE UPLOADED  
L22 51 SEARCH L21 SSS FULL  
L23 0 DSCAN

FILE 'CAPLUS' ENTERED AT 07:29:31 ON 19 MAR 2002  
L24 172 L22  
SAVE TEMP L24 HPYLORIACIDS/A

=> ulcer  
18718 ULCER  
8691 ULCERS  
L25 21545 ULCER  
(ULCER OR ULCERS)

=> l24 and l25  
L26 6 L24 AND L25

=> d l26 1-6 ti

L26 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS  
TI Syntheses and inhibitory effects on gastric lesions of  
4-guanidinomethylbenzoic acid arylamides

L26 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS  
TI Antiulcer compositions containing N-benzoyl- and N-cyclohexylcarbonyl-L-phenylalanine derivatives

L26 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS  
TI 4-(Guanidinomethyl)benzoic acid phenyl esters and peptic **ulcer**  
inhibitors containing them

L26 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2002 ACS  
TI Preparation of 4-(guanidinomethyl)benzanilide acid salt hydrates as  
**ulcer** inhibitors

L26 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2002 ACS  
TI Preparation of guanidinomethylbenzamidobenzene derivatives, compositions

containing the same, and their use as antiulcer agents

L26 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Preparation of guanidinomethylbenzoic acid derivative as an antiulcer agent

=>\_d 126 1-6 ti fbib abs

L26 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Syntheses and inhibitory effects on gastric lesions of 4-guanidinomethylbenzoic acid arylamides

AN 1994:322888 CAPLUS

DN 120:322888

TI Syntheses and inhibitory effects on gastric lesions of 4-guanidinomethylbenzoic acid arylamides

AU Ueda, Hiroki; Ikeda, Tetsuyuki; Kakegawa, Hisao; Miyataka, Hideki; Matsumoto, Hitoshi; Satoh, Toshio

CS Fac. Pharm. Sci., Tokushima Bunri Univ., Tokushima, 770, Japan

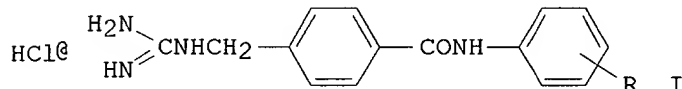
SO Chem. Pharm. Bull. (1993), 41(8), 1387-90

CODEN: CPBTAL; ISSN: 0009-2363

DT Journal

LA English

GI



AB A novel series of 4-guanidinomethylbenzoic acid (GMB) arylamides (I; R = H, 4-Cl, 2-CO<sub>2</sub>Et, 4-Me, 4-CMe<sub>3</sub>, 4-OMe, 3-CO<sub>2</sub>Et, 4-CO<sub>2</sub>Et, 4-NO<sub>2</sub>) was synthesized. Several showed more potent inhibitory effects on stress-induced gastric lesion in rats than cetraxate. The authors selected 4-guanidinomethylbenzoic acid (2'-ethoxycarbonyl)phenylamide 3 for further pharmacol. assessments because it had low toxicity. Compd. 3 showed significant inhibitory effects on stress-, HCl-ethanol- and indomethacin-induced gastric lesions and gastric secretion, the ED<sub>50</sub> values being 34.4, 45.0 and 23.0 mg/kg (p.o.) and 240 mg/kg (i.d.), resp. Furthermore, this compd. restored the redn. of gastric mucus caused by

the stress-loading and inhibited compd. 48/80-induced **ulcer**.

L26 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Antiulcer compositions containing N-benzoyl- and N-cyclohexylcarbonyl-L-phenylalanine derivatives

AN 1989:633667 CAPLUS

DN 111:233667

TI Antiulcer compositions containing N-benzoyl- and N-cyclohexylcarbonyl-L-phenylalanine derivatives

IN Oguro, Katsunori; Nojima, Hiroshi; Hashizume, Nobuyuki; Ohno, Norio; Naito, Taketoshi

PA Okamoto, Shosuke, Japan; Showa Denko K. K.

SO Eur. Pat. Appl., 40 pp.

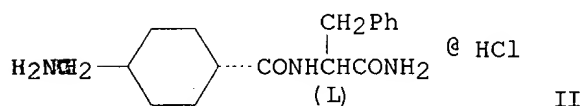
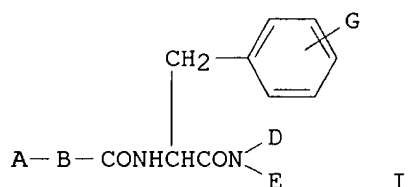
CODEN: EPXXDW

DT Patent

LA English

## FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 317959	A2	19890531	EP 1988-119427	19881122
	EP 317959	A3	19900822		
	R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
				JP 1987-297082	19871124
	JP 01139528	A2	19890601	JP 1987-297082	19871124
	US 4954512	A	19900904	US 1988-275193	19881123
				JP 1987-297082	19871124
	AU 8825899	A1	19890525	AU 1988-25899	19881124
				JP 1987-297082	19871124
OS	CASREACT 111:233667; MARPAT 111:233667				
GI					



AB Title compds. I [A = H<sub>2</sub>NCH<sub>2</sub>, H<sub>2</sub>NC(:NH), H<sub>2</sub>NC(:NH)NH, H<sub>2</sub>NC(:NH)NHCH<sub>2</sub>; B = 1,4-C<sub>6</sub>H<sub>4</sub> or trans-1,4-cyclohexanediy; D, E = H, R, R<sub>1</sub>CO<sub>2</sub>R, R<sub>1</sub>(OH)CO<sub>2</sub>R, R<sub>1</sub>C<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>R, 3-pyridyl, C<sub>6</sub>H<sub>4</sub>X, cyclohexyl substituted by R or CO<sub>2</sub>R; X = H, CONR<sub>2</sub>, CONHR, CONH<sub>2</sub>, CO<sub>2</sub>H, CO<sub>2</sub>R, COR, R<sub>1</sub>(CO<sub>2</sub>R); R = alkyl; R<sub>1</sub> = alkylene; G = H, OCH<sub>2</sub>Ph, OPh] were prepd. as antiulcer agents. Treatment of trans-4-(aminomethyl)cyclohexylcarboxylic acid with Et<sub>3</sub>N and O(CO<sub>2</sub>CMe<sub>3</sub>)<sub>2</sub> gave the N-tert-butoxycarbonyl deriv., which was coupled with L-phenylalanine amide-HCl using ClCO<sub>2</sub>Et and Et<sub>3</sub>N in THF, followed by deprotection with HCl in 1,4-dioxane, to give trans-[(aminomethyl)cyclohexylcarbonyl]-L-phenylalanine amide-HCl (II). At 100 mg/kg orally in rats, II inhibited stress-induced **ulcers** (water immersion method) by 88.2%. At 100 mg/kg orally in rats, 32 I salts gave 52.5-96.6% inhibition of HCl-induced **ulcers**. No deaths or toxicol. symptoms were obsd. in mice after oral administration of any of the prepd. I at 2000 mg/kg.

L26 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI 4-(Guanidinomethyl)benzoic acid phenyl esters and peptic **ulcer** inhibitors containing them

AN 1989:172899 CAPLUS

DN 110:172899

TI 4-(Guanidinomethyl)benzoic acid phenyl esters and peptic **ulcer** inhibitors containing them

IN Imai, Ei; Shibata, Masayoshi; Nakaoku, Shozo; Sakuma, Kazuhiko; Kato, Toyonari

PA Taiyo Yakuin Kogyo K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63218652	A2	19880912	JP 1987-53767	19870309
OS	MARPAT 110:172899				
AB	4-H <sub>2</sub> NC(:NH)NHCH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> CO <sub>2</sub> C <sub>6</sub> H <sub>3</sub> R <sub>1</sub> R <sub>2</sub> (I; R <sub>1</sub> = H, halo, linear or branched				

lower

alkyl, CHO, CO<sub>2</sub>H or its ester; R<sub>2</sub> = H, lower alkoxy) or their acid salts, useful as peptic **ulcer** inhibitors, are prepd. A soln. of p-H<sub>2</sub>NCH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>H in hot H<sub>2</sub>O was added dropwise to a soln. of H<sub>2</sub>NC(SMe):NH in an aq. NaOH, the reaction mixt. was kept at room temp. for a day, and the resulting crystal was treated with aq. HCl to give 46% 4-H<sub>2</sub>NC(:NH)NHCH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>H.HCl (II). Stirring o-HOC<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>H.Na with PhCH<sub>2</sub>Cl in DMF at 100.degree. for 12 h gave benzyl salicylate, which was treated with II and DCC in DMF/pyridine at 50.degree. for 6 h to give 53% I.HCl (R<sub>1</sub> = 2-CO<sub>2</sub>CH<sub>2</sub>Ph, R<sub>2</sub> = H) (III). III at 100 mg/kg p.o. inhibited EtOH-induced gastric **ulcer** on rats by 92.6%. A capsule (content 200 mg) contg. III 50, lactose 50, cryst. cellulose 75, Mg stearate 2 mg, and corn starch was prepd.

L26 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2012 ACS

TI Preparation of 4-(guanidinomethyl)benzanilide acid salt hydrates as **ulcer** inhibitors

AN 1988:570046 CAPLUS

DN 109:170046

TI Preparation of 4-(guanidinomethyl)benzanilide acid salt hydrates as **ulcer** inhibitors

IN Ohira, Kazuo; Imai, Eiji; Nakaoku, Shozo

PA Taiyo Pharmaceutical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

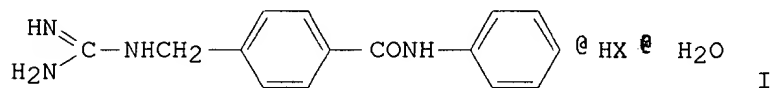
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63030462	A2	19880209	JP 1986-172799	19860724
OS	MARPAT 109:170046				
GI					



AB The title compds. (I; X = org. or inorg. acid group residue), useful as **ulcer** inhibitors, are prepd. To 17.7 g MeSC:NH(NH<sub>2</sub>).H<sub>2</sub>SO<sub>4</sub> in 2N aq. NaOH at pH 11 was added 10 g p-H<sub>2</sub>C<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>Me in H<sub>2</sub>O and the resultant crystal was recrystd. with aq. HCl to give 8.4 g p-(NH<sub>2</sub>)HN=C(NH<sub>2</sub>)NHCH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>H.HCl (II) as white crystal. II (2.0 g) and PhNH<sub>2</sub> (0.9 g) in a pyridine-DMF soln. were reacted with 1.0 g DCC at room temp. for 70 h to give 1.1 g I (X = Cl) (III). III showed ED<sub>50</sub> of 34 mg/kg

p.o.

and min. LD (MLD) of > 3000 mg/kg p.o. vs. ED<sub>50</sub> of 143 mg/kg and MLD of < 1000 mg/kg by prior art

N-(phenyl)-trans-4-guanidinomethylcyclohexanecarba

mide HCl salt (IV) against rat stomach **ulcer** caused by stress cages.

126 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Preparation of guanidinomethylbenzamido benzene derivatives, compositions containing the same, and their use as antiulcer agents

AN 1988:549090 CAPLUS

IN 109:149090

TI Preparation of guanidinomethylbenzamido benzene derivatives, compositions containing the same, and their use as antiulcer agents

IN Satoh, Toshio

IA Nippon Hypox Laboratories, Inc., Japan

SO Eur. Pat. Appl., 9 pp.

CODEN: EPXXDW

BT Patent

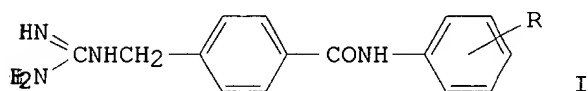
LA English

EAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	EP 268267	A2	19880525	EP 1987-116968	19871117
	EP 268267	A3	19891213		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
				JP 1986-271748	19861117
	JP 63126860	A2	19880530	JP 1986-271748	19861117

OS CASREACT 109:149090; MARPAT 109:149090

CI



AB Title compds. I (R = OH, halo, alkyl, alkoxy, carboxy) are prepd. as antiulcer agents. A soln. of 5.0 g p-toluidine and 3.2 g PCl3 in pyridine

was treated with 10.8 g 4-guanidinomethylbenzoic acid to give 7.9 g I.HCl (R = 4-Me) which gave a 90.3% inhibition of **ulcers** in rats when administered at 100 mg/kg orally.

126 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Preparation of guanidinomethylbenzoic acid derivative as an antiulcer agent

AN 1987:439441 CAPLUS

IN 107:39441

TI Preparation of guanidinomethylbenzoic acid derivative as an antiulcer agent

IN Sato, Toshio; Matsumoto, Hitoshi; Kakegawa, Toshio

IA Taiyo Yakuin Kogyo K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

BT Patent

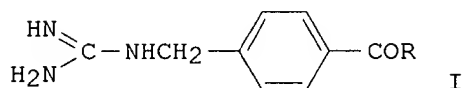
LA Japanese

EAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	JP 62029566	A2	19870207	JP 1985-166903	19850730
	US 4732916	A	19880322	US 1986-886158	19860716

EP 218027	A1	19870415	JP 1985-166903	19850730
EP 218027	B1	19890920	EP 1986-110197	19860724
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 46501	E	19891015	JP 1985-166903	19850730
			AT 1986-110197	19860724
			JP 1985-166903	19850730
ES 2001341	A6	19880516	EP 1986-110197	19860724
			ES 1986-664	19860729
			JP 1985-166903	19850730

OS CASREACT 107:39441  
GI



AB The title compd. I (R = PhNH) (II), useful as an antiulcer agent, was  
 100 prepd. NaOH (2N) was added to a mixt of 17.7 g HN:C(SMe)NH<sub>2</sub>.H<sub>2</sub>SO<sub>4</sub> and  
 mL 2N NaOH until pH 11, to which a soln. of 10g p-aminomethylbenzoic acid  
 in 50 mL H<sub>2</sub>O was added, kept overnight, treated with 1N HCl to give 8.4 g  
 I.HCl (R = OH). A soln. of 1.0 g I (R = OH) and 0.45 g PhNH<sub>2</sub> in 50 mL  
 pyridine and 20 mL DMF was treated with 1.0 g DCC to give 0.5 g II.HCl,  
 which showed ED<sub>50</sub> at 34 mg/kg in rats against stress-induced **ulcer**  
 and min. LD at >3000 mg/kg p.o. in mice. vs. 143 and <1000 mg/kg, resp.,  
 with N-phenyl-trans-4-(guanidinomethyl)cyclohexanecarboxamide HCl (III).

=> save temp all ulcersrch/l  
 L# LIST L1-L26 HAS BEEN SAVED AS 'ULCERSRCH/L'

=> logoff hold		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	18.74	603.41
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.72	-4.34

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 07:32:40 ON 19 MAR 2002

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x  
 LOGINID:sssptal623paz  
 PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
 SESSION RESUMED IN FILE 'CAPLUS' AT 08:01:47 ON 19 MAR 2002  
 FILE 'CAPLUS' ENTERED AT 08:01:47 ON 19 MAR 2002  
 COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE

ENTRY

18.74

TOTAL

SESSION

603.41

SINCE FILE

ENTRY

-3.72

TOTAL

SESSION

-4.34

=> logoff hold

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE

ENTRY

19.41

TOTAL

SESSION

604.08

SINCE FILE

ENTRY

-3.72

TOTAL

SESSION

-4.34

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:03:03 ON 19 MAR 2002

Connection closed by remote host